

- **A general synopsis on how they felt their Sub system performed during the run.**

we had our successes and failures:

- successes:

- 12 algorithms have matured and played a central role in the data that was taken.
- ernst's online scaler analysis has become a critical tool for non-destructive monitoring of the spin polarization
- STP and 48-bit scalers were both successful although yet to be implemented/adopted.

- problems:

- BCE stuck bit problem caused some loss of triggering capabilities at the beginning of this run
- lost some scaler information due to vme crate freezing
- unable to fully populate all trigger systems with DSM boards
- loss of communication with trgscratch disk



- **Plans to address any problems/issues associated with their Sub system.**

- BCE stuck bit problem was localized to a couple of DSMI boards which were repaired
- the scaler crate is still a bit of a mystery. we have some ideas (e.g. moving all non-scaler slave modules out of the crate) to try and test over the summer
- hoping to secure time from dan and his crew to get sufficient numbers of DSM and CDB boards repaired.
- swapping the computer that hosts the trgscratch disk seems to have solved the problem.



Requests to STSG:

Board repairs: august-september time frame

7-10 DSMs

- 4 needed to re-outfit FPD East system

- 2 needed to replace malfunctioning units in CTB system
spares (last year, ~9 boards died between runs)

3-5 CDBs

- 2 needed to replace malfunctioning units in CTB

- 2 needed to replace malfunctioning units in FPE
spares

1-2 TCDs

- spares

2-4 VME Crates

Need P2-type backplane installed in P3 position on 2 existing crates for FMS(QT)

Training:

Couple of days at LBL working with fred bieser learning new QT board



•Plans for any changes, and preparations for next year's run.

several changes invisioned for next run

- 1) installation of new generation digitizer board, QT, in FMS system
- 2) beta test new trigger connections with TOF
- 3) repeat timing tests with Calorimeter group
- 4) installation of second concentrator to support FMS
- 5) upgrade startrg os from solaris to linux



- Any observations/comments on any aspect of STAR Operations.**

1) we understand that dan's group is stretched thin, but we've got to have an inventory of spares and priority for repairs

2) equally important...



tr.v. **sched·uled**, sched·ul·ing, sched·ules

1.To enter on a schedule: *calculate and schedule each tax deduction on the proper form.*

2.To make up a schedule for: *I haven't scheduled the coming week yet.*

3.To plan or appoint for a certain time or date: *scheduled a trip in June; was scheduled to arrive Monday.*

4.To list or rank (a controlled substance) in a